

Table K2. - Soil Features

Rockingham County, Virginia

Absence of an entry indicates that the feature is not a concern or that data were not estimated.

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
1B: Allegheny	---	---	---	---	---	---	---	Low	High
2B: Allegheny	---	---	---	---	---	---	Low	Low	High
3B: Allegheny	---	---	---	---	---	---	---	Low	High
Monongahela	Fragipan	---	---	Weakly cemented	---	---	Moderate	High	High
Purdy	---	---	---	---	---	---	---	---	---
Wet spots	---	---	---	---	---	---	---	---	---
4A: Aquic Udi fluvents	---	---	---	---	---	---	---	---	---
5C2: Berks	Bedrock (lithic)	20-40	---	Indurated	---	---	Low	Low	High

Table K2. - Soil Features - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
5C2:									
Weikert	Bedrock (paralithic)	10-20	---	Moderately cemented	---	---	Moderate	Moderate	Moderate
	Bedrock (lithic)	10-20	---	Very strongly cemented					
5D2:									
Berks	Bedrock (lithic)	20-40	---	Indurated	---	---	Low	Low	High
Weikert	Fragipan	---	---	Weakly cemented	---	---	Moderate	Moderate	Moderate
	Bedrock (paralithic)	10-20	---	Moderately cemented					
	Bedrock (lithic)	10-20	---	Very strongly cemented					
Wet spots	---	---	---	---	---	---	---	---	---
6C2:									
Berks	Bedrock (lithic)	20-40	---	Indurated	---	---	Low	Low	High
Weikert	Bedrock (paralithic)	10-20	---	Moderately cemented	---	---	Moderate	Moderate	Moderate
	Bedrock (lithic)	10-20	---	Very strongly cemented					
Wet spots	---	---	---	---	---	---	---	---	---

Table K2. - Soil Features - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
6D2:									
Berks	Bedrock (lithic)	20-40	---	Indurated	---	---	Low	Low	High
Weikert	Bedrock (paralithic)	10-20	---	Moderately cemented	---	---	Moderate	Moderate	Moderate
	Bedrock (lithic)	10-20	---	Very strongly cemented					
Wet spots	---	---	---	---	---	---	---	---	---
7A:									
Buchanan	Fragipan	---	---	Weakly cemented	---	---	Moderate	High	High
Purdy	---	---	---	---	---	---	---	---	---
8B:									
Buchanan	Fragipan	---	---	Weakly cemented	---	---	Moderate	High	High
Purdy	---	---	---	---	---	---	---	---	---
8C:									
Buchanan	Fragipan	---	---	Weakly cemented	---	---	Moderate	High	High
Purdy	---	---	---	---	---	---	---	---	---

9C:

Table K2. - Soil Features - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
9C:									
Buchanan	Fragipan	---	---	Weakly cemented	---	---	Moderate	High	High
Purdy	---	---	---	---	---	---	---	---	---
10A:									
Buckton	---	---	---	---	---	---	Moderate	Low	Low
Wet spots	---	---	---	---	---	---	---	---	---
11B:									
Burketown	Fragipan	---	---	Weakly cemented	---	---	Moderate	Moderate	Moderate
Wet spots	---	---	---	---	---	---	---	---	---
12B:									
Carbo	Bedrock (lithic)	20-40	---	Indurated	---	---	Moderate	High	Low
Endcav	Bedrock (lithic)	40-60	---	Indurated	---	---	Moderate	High	Low
Rock outcrop	Bedrock (lithic)	0	---	---	---	---	---	---	---
12C:									
Carbo	Bedrock (lithic)	20-40	---	Indurated	---	---	Moderate	High	Low

Table K2. - Soil Features - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
12C: Endcav	Bedrock (lithic)	40-60	---	---	---	---	Moderate	High	Low
Rock outcrop	Bedrock (lithic)	0	---	---	---	---	---	---	---
13A: Chavies	---	---	---	---	---	---	---	Low	Moderate
Wet spots	---	---	---	---	---	---	---	---	---
14B2: Chilhowie	Bedrock (lithic)	20-40	---	Indurated	---	---	Moderate	High	Low
Wet spots	---	---	---	---	---	---	---	---	---
14C2: Chilhowie	Bedrock (lithic)	20-40	---	Indurated	---	---	Moderate	High	Low
Wet spots	---	---	---	---	---	---	---	---	---
14D2: Chilhowie	Bedrock (lithic)	20-40	---	Indurated	---	---	Moderate	High	Low
Wet spots	---	---	---	---	---	---	---	---	---

Table K2. - Soil Features - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
15B2: Chilhowie	Bedrock (lithic)	20-40	---	Indurated	---	---	Moderate	High	Low
15C2: Chilhowie	Bedrock (lithic)	20-40	---	Indurated	---	---	Moderate	High	Low
Wet spots	---	---	---	---	---	---	---	---	---
15D2: Chilhowie	Bedrock (lithic)	20-40	---	Indurated	---	---	Moderate	High	Low
Wet spots	---	---	---	---	---	---	---	---	---
16E3: Chilhowie	Bedrock (lithic)	20-40	---	Indurated	---	---	Moderate	High	Low
Wet spots	---	---	---	---	---	---	---	---	---
17B2: Chilhowie	Bedrock (lithic)	20-40	---	Indurated	---	---	Moderate	High	Low
Edom	---	---	---	---	---	---	Moderate	High	Low
17C2:									

Table K2. - Soil Features - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
17C2:									
Chilhowie	Bedrock (lithic)	20-40	---	Indurated	---	---	Moderate	High	Low
Edom	---	---	---	---	---	---	Moderate	High	Low
17D2:									
Chilhowie	Bedrock (lithic)	20-40	---	Indurated	---	---	Moderate	High	Low
Edom	---	---	---	---	---	---	Moderate	High	Low
18B:									
Cotaco	---	---	---	---	---	---	---	Moderate	High
Purdy	---	---	---	---	---	---	---	---	---
19B:									
Cotaco	---	---	---	---	---	---	---	Moderate	High
Purdy	---	---	---	---	---	---	---	---	---
20B:									
Cotaco variant	---	---	---	---	---	---	High	High	High
Purdy	---	---	---	---	---	---	---	---	---

Table K2. - Soil Features - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
21B:									
Craigsville	---	---	---	---	---	---	Moderate	Moderate	Moderate
Wet spots	---	---	---	---	---	---	---	---	---
22F:									
Drall	Bedrock (lithic)	40-60	---	Indurated	---	---	Low	Low	High
23B2:									
Edom	---	---	---	---	---	---	Moderate	High	Low
Wet soils	---	---	---	---	---	---	---	---	---
23C2:									
Edom	---	---	---	---	---	---	Moderate	High	Low
Wet soils	---	---	---	---	---	---	---	---	---
23D2:									
Edom	---	---	---	---	---	---	Moderate	High	Low
Wet soils	---	---	---	---	---	---	---	---	---
24B2:									

Table K2. - Soil Features - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
24B2: Endcav	Bedrock (lithic)	40-60	---	Indurated	---	---	Moderate	High	Low
Wet soils	---	---	---	---	---	---	---	---	---
24C2: Endcav	Bedrock (lithic)	40-60	---	Indurated	---	---	Moderate	High	Low
Wet soils	---	---	---	---	---	---	---	---	---
25B2: Endcav	Bedrock (lithic)	40-60	---	Indurated	---	---	Moderate	High	Low
Wet soils	---	---	---	---	---	---	---	---	---
25C2: Endcav	Bedrock (lithic)	40-60	---	Indurated	---	---	Moderate	High	Low
Wet soils	---	---	---	---	---	---	---	---	---
26C2: Fauquier	Bedrock (paralithic)	42-60	---	Very weakly cemented	---	---	Moderate	High	High
26D2:									

Table K2. - Soil Features - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
26D2: Fauquier	Bedrock (paralithic)	42-60	---	Very weakly cemented	---	---	Moderate	High	High
27E: Fauquier	Bedrock (paralithic)	42-60	---	Very weakly cemented	---	---	Moderate	High	High
28A: Fluvaquents	---	---	---	---	---	---	---	---	---
Poorly drained soils	---	---	---	---	---	---	---	---	---
29B2: Frederick	---	---	---	---	---	---	Moderate	Moderate	High
Lodi	---	---	---	---	---	---	Moderate	Moderate	High
29C2: Frederick	---	---	---	---	---	---	Moderate	Moderate	High
Lodi	---	---	---	---	---	---	Moderate	Moderate	High
29D2: Frederick	---	---	---	---	---	---	Moderate	Moderate	High

Table K2. - Soil Features - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
29D2: Lodi	---	---	---	---	---	---	Moderate	Moderate	High
29E2: Frederick	---	---	---	---	---	---	Moderate	Moderate	High
Lodi	---	---	---	---	---	---	Moderate	Moderate	High
30C3: Frederick	---	---	---	---	---	---	Moderate	Moderate	High
Lodi	---	---	---	---	---	---	Moderate	Moderate	High
30D3: Frederick	---	---	---	---	---	---	Moderate	Moderate	High
Lodi	---	---	---	---	---	---	Moderate	Moderate	High
31B2: Frederick	---	---	---	---	---	---	Moderate	Moderate	High
Lodi	---	---	---	---	---	---	Moderate	Moderate	High
31C2:									

Table K2. - Soil Features - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
31C2: Frederick	---	---	---	---	---	---	Moderate	Moderate	High
Lodi	---	---	---	---	---	---	Moderate	Moderate	High
31D2: Frederick	---	---	---	---	---	---	Moderate	Moderate	High
Lodi	---	---	---	---	---	---	Moderate	Moderate	High
31E2: Frederick	---	---	---	---	---	---	Moderate	Moderate	High
Lodi	---	---	---	---	---	---	Moderate	Moderate	High
32C: Frederick	---	---	---	---	---	---	Moderate	Moderate	High
Lodi	---	---	---	---	---	---	Moderate	Moderate	High
32D: Frederick	---	---	---	---	---	---	Moderate	Moderate	High
Lodi	---	---	---	---	---	---	Moderate	Moderate	High

Table K2. - Soil Features - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
32E:									
Frederick	---	---	---	---	---	---	Moderate	Moderate	High
Lodi	---	---	---	---	---	---	Moderate	Moderate	High
33B2:									
Frederick	---	---	---	---	---	---	Moderate	Moderate	High
Lodi	---	---	---	---	---	---	Moderate	Moderate	High
33C2:									
Frederick	---	---	---	---	---	---	Moderate	Moderate	High
Lodi	---	---	---	---	---	---	Moderate	Moderate	High
33D2:									
Frederick	---	---	---	---	---	---	Moderate	Moderate	High
Lodi	---	---	---	---	---	---	Moderate	Moderate	High
33E2:									
Frederick	---	---	---	---	---	---	Moderate	Moderate	High
Lodi	---	---	---	---	---	---	Moderate	Moderate	High

Table K2. - Soil Features - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
34C: Frederick	---	---	---	---	---	---	Moderate	Moderate	High
Rock outcrop	Bedrock (lithic)	0	---	---	---	---	---	---	---
34E: Frederick	---	---	---	---	---	---	Moderate	Moderate	High
Rock outcrop	Bedrock (lithic)	0	---	---	---	---	---	---	---
35B: Guernsey	---	---	---	---	---	---	High	High	Moderate
Poorly drained soils	---	---	---	---	---	---	---	---	---
36B: Hawksbill	---	---	---	---	---	---	Moderate	Low	Moderate
Wet spots	---	---	---	---	---	---	---	---	---
37B: Hawksbill	---	---	---	---	---	---	Moderate	Low	Moderate
Wet spots	---	---	---	---	---	---	---	---	---

Table K2. - Soil Features - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
38C: Hawksbill	---	---	---	---	---	---	Moderate	Low	Moderate
Wet spots	---	---	---	---	---	---	---	---	---
39B: Laidig	Fragipan	---	---	Weakly cemented	---	---	Moderate	Moderate	High
39C: Laidig	Fragipan	---	---	Weakly cemented	---	---	Moderate	Moderate	High
40B: Laidig	Fragipan	---	---	Weakly cemented	---	---	Moderate	Moderate	High
40C: Laidig	Fragipan	---	---	Weakly cemented	---	---	Moderate	Moderate	High
40D: Laidig	Fragipan	---	---	Weakly cemented	---	---	Moderate	Moderate	High
40E: Laidig	Fragipan	---	---	Weakly cemented	---	---	Moderate	Moderate	High
41C: Laidig	Fragipan	---	---	Weakly cemented	---	---	Moderate	Moderate	High

Table K2. - Soil Features - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
41D: Laidig	Fragipan	---	---	Weakly cemented	---	---	Moderate	Moderate	High
41E: Laidig	Fragipan	---	---	Weakly cemented	---	---	Moderate	Moderate	High
42C: Laidig	Fragipan	---	---	Weakly cemented	---	---	Moderate	Moderate	High
Buchanan	Fragipan	---	---	Weakly cemented	---	---	Moderate	High	High
43C: Lehew	Bedrock (lithic)	20-40	---	Indurated	---	---	Low	Low	High
Dekalb	Bedrock (lithic)	20-40	---	---	---	---	Low	Low	High
Calvin	Bedrock (lithic)	20-40	---	Indurated	---	---	Moderate	Low	Moderate
43D: Lehew	Bedrock (lithic)	20-40	---	Indurated	---	---	Low	Low	High
Dekalb	Bedrock (lithic)	20-40	---	---	---	---	Low	Low	High
Calvin	Bedrock (lithic)	20-40	---	---	---	---	Moderate	Low	Moderate

Table K2. - Soil Features - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
44E:									
Lehew	Bedrock (lithic)	20-40	---	Indurated	---	---	Low	Low	High
Dekalb	Bedrock (lithic)	20-40	---	Indurated	---	---	Low	Low	High
Calvin	Bedrock (lithic)	20-40	---	Indurated	---	---	Moderate	Low	Moderate
44F:									
Lehew	Bedrock (lithic)	20-40	---	Indurated	---	---	Low	Low	High
Dekalb	Bedrock (lithic)	20-40	---	Indurated	---	---	Low	Low	High
Calvin	Bedrock (lithic)	20-40	---	Indurated	---	---	Moderate	Low	Moderate
45A:									
Massanetta	---	---	---	---	---	---	Moderate	Low	Low
Wet spots	---	---	---	---	---	---	---	---	---
46A:									
Millrock	---	---	---	---	---	---	Low	Low	Moderate
Wet spots	---	---	---	---	---	---	---	---	---

47B:

Table K2. - Soil Features - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
47B: Monongahela	Fragipan	---	---	Weakly cemented	---	---	Moderate	High	High
Purdy	---	---	---	---	---	---	---	---	---
47C2: Monongahela	Fragipan	---	---	Weakly cemented	---	---	Moderate	High	High
Purdy	---	---	---	---	---	---	---	---	---
48B: Monongahela	Fragipan	---	---	Weakly cemented	---	---	Moderate	High	High
Purdy	---	---	---	---	---	---	---	---	---
48C: Monongahela	Fragipan	---	---	Weakly cemented	---	---	Moderate	High	High
Purdy	---	---	---	---	---	---	---	---	---
49C: Myersville	Bedrock (lithic)	40-60	---	Indurated	---	---	Moderate	Moderate	Moderate
49D:									

Table K2. - Soil Features - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
49D: Myersville	Bedrock (lithic)	40-60	---	Indurated	---	---	Moderate	Moderate	Moderate
49F: Myersville	Bedrock (lithic)	40-60	---	Indurated	---	---	Moderate	Moderate	Moderate
50B: Nixa	Fragipan	14-27	---	Weakly cemented	---	---	---	Moderate	Moderate
Frederick	---	---	---	---	---	---	Moderate	Moderate	High
Lodi	---	---	---	---	---	---	Moderate	Moderate	High
Wet spots	---	---	---	---	---	---	---	---	---
50C: Nixa	Fragipan	14-27	---	Weakly cemented	---	---	---	Moderate	Moderate
Frederick	---	---	---	---	---	---	Moderate	Moderate	High
Lodi	---	---	---	---	---	---	Moderate	Moderate	High
Wet spots	---	---	---	---	---	---	---	---	---

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Table K2. - Soil Features - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
51: Pits	---	---	---	---	---	---	---	---	---
52: Pits	---	---	---	---	---	---	---	---	---
53: Pits and dumps	Bedrock (lithic)	0	---	---	---	---	---	---	---
54A: Purdy	---	---	---	---	---	---	High	High	High
Very poorly drained soils	---	---	---	---	---	---	---	---	---
55C: Rock outcrop	Bedrock (lithic)	0	---	Indurated	---	---	---	---	---
Carbo	Bedrock (lithic)	20-40	---	Indurated	---	---	Moderate	High	Low
56C: Rock outcrop	Bedrock (lithic)	0	---	Indurated	---	---	---	---	---
Frederick	---	---	---	---	---	---	Moderate	Moderate	High
56D:									

Table K2. - Soil Features - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
56D: Rock outcrop	Bedrock (lithic)	0	---	Indurated	---	---	---	---	---
Frederick	---	---	---	---	---	---	Moderate	Moderate	High
57E: Rock outcrop	Bedrock (lithic)	0	---	Indurated	---	---	---	---	---
Laidig	Fragipan	---	---	Weakly cemented	---	---	Moderate	Moderate	High
58B2: Sequoia	Bedrock (paralithic)	20-40	---	Moderately cemented	---	---	---	High	Moderate
Wet soils	---	---	---	---	---	---	---	---	---
58C2: Sequoia	Bedrock (paralithic)	20-40	---	Moderately cemented	---	---	---	High	Moderate
Wet soils	---	---	---	---	---	---	---	---	---
59B2: Sequoia	Bedrock (paralithic)	20-40	---	Moderately cemented	---	---	---	High	Moderate
Berks	Bedrock (lithic)	20-40	---	Indurated	---	---	Low	Low	High

Table K2. - Soil Features - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
59B2: Wet soils	---	---	---	---	---	---	---	---	---
59C2: Sequoia	Bedrock (paralithic)	20-40	---	Moderately cemented	---	---	---	High	Moderate
Berks	Bedrock (lithic)	20-40	---	Indurated	---	---	Low	Low	High
59D2: Sequoia	Bedrock (paralithic)	20-40	---	Moderately cemented	---	---	---	High	Moderate
Berks	Bedrock (lithic)	20-40	---	Indurated	---	---	Low	Low	High
Wet soils	---	---	---	---	---	---	---	---	---
60C: Sequoia	Bedrock (paralithic)	20-40	---	---	---	---	---	High	Moderate
Berks	Bedrock (lithic)	20-40	---	Indurated	---	---	Low	Low	High
Wet soils	---	---	---	---	---	---	---	---	---
60D: Sequoia	Bedrock (paralithic)	20-40	---	---	---	---	---	High	Moderate

Table K2. - Soil Features - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
60D: Berks	Bedrock (lithic)	20-40	---	Indurated	---	---	Low	Low	High
Wet soils	---	---	---	---	---	---	---	---	---
61B: Shelocta variant	---	---	---	---	---	---	Moderate	Moderate	High
Wet spots	---	---	---	---	---	---	---	---	---
62C: Shelocta variant	---	---	---	---	---	---	Moderate	Moderate	High
Wet spots	---	---	---	---	---	---	---	---	---
63B: Shenval	---	---	---	---	---	---	Moderate	High	High
63C2: Shenval	---	---	---	---	---	---	Moderate	High	High
63D2: Shenval	---	---	---	---	---	---	Moderate	High	High

64C:

Table K2. - Soil Features - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
64C: Sherando	---	---	---	---	---	---	Low	Low	High
64D: Sherando, COBBLY	---	---	---	---	---	---	Low	Low	High
65B2: Swimley	---	---	---	---	---	---	Moderate	High	Moderate
Wet spots	---	---	---	---	---	---	---	---	---
65C2: Swimley	---	---	---	---	---	---	Moderate	High	Moderate
Wet spots	---	---	---	---	---	---	---	---	---
66D: Sylco	Bedrock (lithic)	20-40	---	Indurated	---	---	Moderate	Low	Moderate
66E: Sylco	Bedrock (lithic)	20-40	---	Indurated	---	---	Moderate	Low	Moderate
67F: Sylco	Bedrock (lithic)	20-40	---	Indurated	---	---	Moderate	Low	Moderate

68B:

Table K2. - Soil Features - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
68B: Timberville variant	---	---	---	---	---	---	Moderate	Low	High
69A: Tioga	---	---	---	---	---	---	Moderate	Low	Moderate
70A: Typic Udorthents	---	---	---	---	---	---	---	---	---
71B2: Unison	---	---	---	---	---	---	Moderate	High	Moderate
71C2: Unison	---	---	---	---	---	---	Moderate	High	Moderate
72B2: Unison	---	---	---	---	---	---	Moderate	High	Moderate
72C2: Unison	---	---	---	---	---	---	Moderate	High	Moderate
72D2: Unison	---	---	---	---	---	---	Moderate	High	Moderate
73:									

Table K2. - Soil Features - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
73: Urban land	---	---	---	---	---	---	---	---	---
74E2: Weikert	Bedrock (paralithic)	10-20	---	Moderately cemented	---	---	Moderate	Moderate	Moderate
	Bedrock (lithic)	10-20	---	Very strongly cemented					
Berks	Bedrock (lithic)	20-40	---	Indurated	---	---	Low	Low	High
Wet spots	---	---	---	---	---	---	---	---	---
74F2: Weikert	Bedrock (paralithic)	10-20	---	Moderately cemented	---	---	Moderate	Moderate	Moderate
	Bedrock (lithic)	10-20	---	Very strongly cemented					
Berks	Bedrock (lithic)	20-40	---	Indurated	---	---	Low	Low	High
75E2: Weikert	Bedrock (paralithic)	10-20	---	Moderately cemented	---	---	Moderate	Moderate	Moderate
	Bedrock (lithic)	10-20	---	Very strongly cemented					

Table K2. - Soil Features - Continued

Rockingham County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
75E2: Berks	Bedrock (lithic)	20-40	---	Indurated	---	---	Low	Low	High
75F2: Weikert	Bedrock (paralithic)	10-20	---	Moderately cemented	---	---	Moderate	Moderate	Moderate
	Bedrock (lithic)	10-20	---	Very strongly cemented					
Berks	Bedrock (lithic)	20-40	---	Indurated	---	---	Low	Low	High
Wet spots	---	---	---	---	---	---	---	---	---
76A: Wheeling	---	---	---	---	---	---	Moderate	Low	Moderate
W: Water	---	---	---	---	---	---	---	---	---